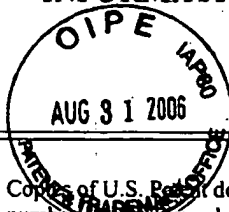


**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**


Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
<i>3P</i>		4,792,981	12.20.1988	Cahill et al.
<i>3P</i>		5,493,407	2.20.1996	Takahara
<i>3P</i>		5,533,140	7.2.1996	Sirat et al.
<i>3P</i>		5,748,789	5.5.1998	Lee et al.
<i>3P</i>		5,946,043	8.31.1999	Lee et al.
<i>3P</i>		5,974,184	10.26.1999	Eifrig et al.
<i>3P</i>		6,049,630	4.11.2000	Wang et al.
<i>3P</i>		6,054,943	4.25.2000	Lawrence
<i>3P</i>		6,078,691	6.20.2000	Luttmer
<i>3P</i>		6,154,572	11.28.2000	Chaddha
<i>3P</i>		6,205,256	3.20.2001	Chaddha
<i>3P</i>		6,259,810	7.10.2001	Gill et al.
<i>3P</i>		6,349,152	2.19.2002	Chaddha
<i>3P</i>		6,360,019	3.19.2002	Chaddha
<i>3P</i>		6,392,705	5.21.2002	Chaddha
<i>3P</i>		6,493,385	12.10.2002	Sekiguchi et al.
<i>3P</i>		6,542,631	4.1.2003	Ishikawa

 EXAMINER
SIGNATURE:

DATE

CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
ME		6,795,584	9.21.2004	Karczewicz et al.

U.S. PATENT APPLICATION DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name of Applicant
ME		60/341,674	12.17.2001	Lee et al.
ME		60/488,710	7.18.2003	Srinivasan et al.
ME		2003/0138150	7.24.2003	Srinivasan
ME		2003/0156648	8.21.2003	Holcomb et al.
ME		2005/0015249	1.20.2005	Mehrotra et al.
ME		2005/0052294	3.10.2005	Liang et al.

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
ME		Gill et al., "Creating High-Quality Content with Microsoft Windows Media Encoder 7," < http://msdn.microsoft.com/library/en-us/dnwm/html/contcreation.asp?frame=true > 4 pp. (2000).
ME		Ishii et al., "Parallel Variable Length Decoding with Inverse Quantization for Software MPEG-2 Decoders," IEEE Signal Processing Systems, pp. 500-509 (1997).
ME		"ISO/IEC 11172-3, Information Technology -- Coding of Moving Pictures and Associated Audio for Digital Storage Media at Up to About 1.5 Mbit/s -- Part 3: Audio," 157 pp. (1993).
ME		"ISO/IEC 13818-7, Information Technology -- Generic Coding of Moving Pictures and Associated Audio Information -- Part 7: Advanced Audio Coding (AAC)," 152 pp. (1997).
ME		Jeong et al., "Adaptive Huffman Coding of 2-D DCT Coefficients for Image Sequence Compression," <i>Signal Processing: Image Communication</i> , Vol. 7, 11 pp. (1995).

EXAMINER
SIGNATURE:

Matthew L. Rump

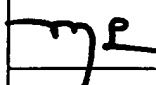
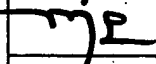
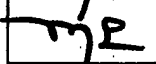
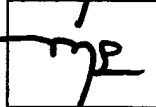
DATE

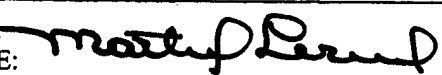
CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	3382-65025-01
		Application Number	10/647,923
		Filing Date	August 25, 2003
		First Named Inventor	Mehrotra
		Art Unit	2641
		Examiner Name	

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Nelson, <u>The Data Compression Book</u> , "Huffman One Better: Arithmetic Coding," Chapter 5, pp. 123-165 (1992).
		Reader, "History of MPEG Video Compression - Ver. 4.0," 99 pp., document marked December 16, 2003.
		Sullivan et al., "The H.264/AVC Advanced Video Coding Standard: Overview and Introduction to the Fidelity Range Extensions," 21 pp. (August 2004).
		Tu et al., "Context-Based Entropy Coding of Block Transform Coefficients for Image Compression," <i>IEEE Transactions on Image Processing</i> , Vol. 11, No. 11, pp. 1271-1283 (November 2002).

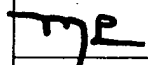
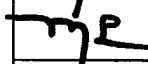
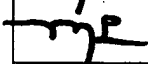
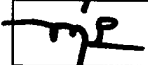
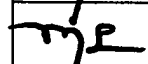
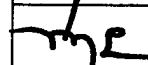
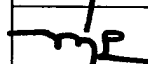
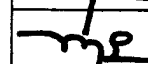
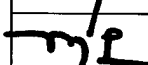
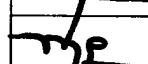

EXAMINER SIGNATURE: 	DATE CONSIDERED: 12/11/2007
* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

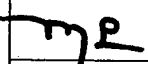
Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		5,381,144	Jan. 10, 1995	Wilson et al.
		5,146,324	Sep. 8, 1992	Miller et al.
		5,227,878	Jul. 13, 1993	Puri et al.
		4,420,771	Dec. 13, 1983	Pirsch
		5,828,426	Oct. 27, 1998	Yu
		6,272,175	Aug. 7, 2001	Sriram et al.
		6,441,755	Aug. 27, 2002	Dietz et al.
		6,542,863	Apr. 1, 2003	Surucu
		4,968,135	Nov. 6, 1990	Wallace et al.
		5,568,167	Oct. 22, 1996	Galbi et al.
		6,825,847	Nov. 30, 2004	Molnar et al.

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		JP	06-021830	Jan. 28, 1994	Yanagihara et al.

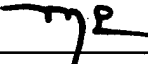
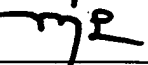
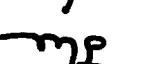
EXAMINER SIGNATURE: 

DATE CONSIDERED: 12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	Not yet assigned

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Hui et al., "Matsushita Algorithm for Coding of Moving Picture Information," ISO/IEC-JTC1/SC29/WG11, MPEG91/217, 76 pages, November 1991.
		Cui et al., "A novel VLC based on second-run-level coding and dynamic truncation," Proc. SPIE, Vol. 6077, pp. 607726-1 to 607726-9 (2006).
		Gailly, "comp.compression Frequently Asked Questions (part 1/3)," 64 pp., document marked September 5, 1999 [Downloaded from the World Wide Web on September 5, 2007].

EXAMINER
SIGNATURE:



DATE

CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
<i>ME</i>		Japan	2002 204170	Jul. 19, 2002	Dolby Lab Licensing Corp.
<i>ME</i>		Great Britain	2 372 918	Sep. 4, 2002	Dolby Lab Licensing Corp.

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	

EXAMINER
SIGNATURE:

Matthew L. Linn

DATE
CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		2004/0044534	Mar. 4, 2004	Chen et al.
		5,574,449	Nov. 12, 1996	Golin
		6,678,419	Jan. 13, 2004	Malvar

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		PCT	WO 98/00924	Jan. 8, 1998	Philips Electronics
		Japan	JP 6-217110	Aug. 5, 1994	Nose et al.

OTHER DOCUMENTS

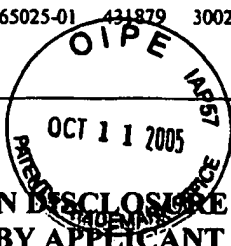
Examiner's Initials*	Cite No. (optional)	
		Wien, "Variable Block-Size Transforms for Hybrid Video Coding," Dissertation, 182 pp. (February 2004).

EXAMINER
SIGNATURE:

DATE
CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
<i>[Handwritten: P]</i>		4,698,672	October 6, 1987	Chen
<i>[Handwritten: P]</i>		4,813,056	March 14, 1989	Fedele
<i>[Handwritten: P]</i>		4,901,075	February 13, 1990	Vogel
<i>[Handwritten: P]</i>		5,043,919	August 27, 1991	Callaway et al.
<i>[Handwritten: P]</i>		5,089,818	February 18, 1992	Mahieux et al.
<i>[Handwritten: P]</i>		5,128,758	July 7, 1992	Azadegan
<i>[Handwritten: P]</i>		5,179,442	January 12, 1993	Azadegan
<i>[Handwritten: P]</i>		5,227,788	July 13, 1993	Johnston
<i>[Handwritten: P]</i>		5,266,941	November 30, 1993	Akeley et al.
<i>[Handwritten: P]</i>		5,394,170	February 28, 1995	Akeley et al.
<i>[Handwritten: P]</i>		5,400,075	March 21, 1995	Savatier
<i>[Handwritten: P]</i>		5,457,495	October 10, 1995	Hartung
<i>[Handwritten: P]</i>		5,461,421	October 24, 1995	Moon
<i>[Handwritten: P]</i>		5,467,134	November 14, 1995	Laney
<i>[Handwritten: P]</i>		5,481,553	January 2, 1996	Suzuki et al
<i>[Handwritten: P]</i>		5,504,591	April 2, 1996	Dujari

EXAMINER SIGNATURE: <i>[Handwritten: Matthew Dujari]</i>	DATE CONSIDERED: 12/11/2007
<p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
3P		5,544,286	August 6, 1996	Laney
3P		5,559,557	September 24, 1996	Kato et al.
3P		5,579,430	November 26, 1996	Grill et al.
3P		5,654,706	August 5, 1997	Jeong et al.
3P		5,661,755	August 26, 1997	Van de Kerkhof
3P		5,717,821	February 10, 1998	Tsutsui
3P		5,825,830	October 20, 1998	Kopf
3P		5,835,144	November 10, 1998	Matsumura
3P		5,883,633	March 16, 1999	Gill et al.
3P		5,982,437	November 9, 1999	Okazaki
3P		5,990,960	November 23, 1999	Murakami
3P		5,995,670	November 30, 1999	Zabinsky
3P		6,002,439	December 14, 1999	Murakami
3P		6,097,759	August 1, 2000	Murakami
3P		6,100,825	August 8, 2000	Sedluk
3P		6,111,914	August 29, 2000	Bist
3P		6,148,109	November 14, 2000	Boon

EXAMINER
SIGNATURE:

Marty Perini

DATE
CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		6,215,910	April 10, 2001	Chaddha
		6,223,162	April 24, 2001	Chen
		6,226,407	May 1, 2001	Zabih et al.
		6,233,017	May 15, 2001	Chaddha
		6,253,165	June 26, 2001	Malvar
		6,292,588	September 18, 2001	Shen
		6,300,888	October 9, 2001	Chen
		6,304,928	October 16, 2001	Mairs et al.
		6,337,881	January 8, 2002	Chaddha
		6,341,165	January 22, 2002	Gbur
		6,345,123	February 5, 2002	Boon
		6,377,930	April 23, 2002	Chen
		6,404,931	June 11, 2002	Chen
		6,421,738	July 16, 2002	Ratan et al.
		6,477,280	November 5, 2002	Malvar
		6,573,915	June 3, 2003	Sivan et al.
		6,646,578	November 11, 2003	Equithan Ru

EXAMINER
SIGNATURE:

DATE

CONSIDERED:

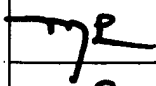
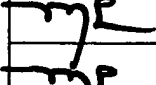
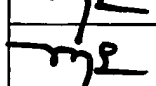
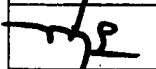
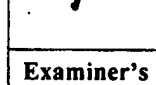
12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

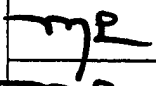
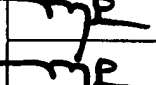
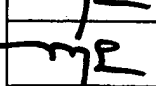
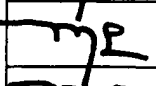

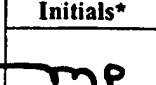
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	not yet assigned

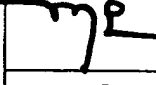

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		6,721,700	April 13, 2004	Yin
		6,728,317	April 27, 2004	Demos
		6,766,293	July 20, 2004	Herre <i>et al.</i>
		6,771,777	August 3, 2004	Gbur
		20040136457	July 15, 2004	Funnell et al.

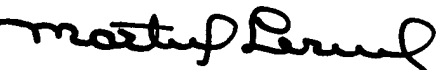
FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		Europe	0540350	May 5, 1993	Yoshinari
		Europe	0910927	January 22, 1998	Gbur et al.
		Europe	0931386	January 28, 1999	Herre et al.
		Europe	0966793	September 24, 1998	Yin
		Japan	5-292481	November 5, 1993	Katsunori et al.
		Japan	7-274171	October 20, 1995	Akio

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
		De Agostino et al., "Parallel Algorithms for Optimal Compression using Dictionaries with the Prefix Property," in <i>Proc. Data Compression Conference '92, IEEE Computer Society Press</i> , pp. 52-62 (1992).
		Shamoon et al., "A Rapidly Adaptive Lossless Compression Algorithm for High Fidelity Audio Coding," <i>IEEE Data Compression Conf. 1994</i> , pp. 430-39 (March 1994).

EXAMINER
SIGNATURE:



DATE

CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

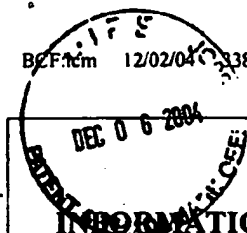
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket Number	3382-65025
	Application Number	To be assigned
	Filing Date	Concurrently herewith
	First Named Inventor	Mehrotra
	Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name
		5,227,788	7/13/93	Johnston et al.
		5,883,633	3/16/99	Gill et al.
		6,223,162	4/24/01	Chen et al.
		6,233,017	5/15/01	Chaddha
		6,300,888	10/9/01	Chen et al.
		6,304,928	10/16/01	Mairs et al.
		6,377,930	4/23/02	Chen et al.

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Davis, "The AC-3 Multichannel Coder," <i>Dolby Laboratories Inc., Audio Engineering Study, Inc., October 1993.</i>
		Gibson et al., "Digital Compression for Multimedia," <i>Morgan Kaufmann Publishers, pp.227-262, 1998.</i>
		Nelson, "The Data Compression Book," <i>M&T Books, pp.123-165, 1992.</i>
		Bell et al., "Text Compression," <i>Prentice Hall, pp. 105-107, 1990.</i>
		Gersho et al., "Vector Quantization and Signal Compression," pp. 259-305, 1992.
		AAC Standard, ISO/IEC 13818-7, 1993.
		MP3 Standard, ISO/IEC 11172-3, 1993.

EXAMINER SIGNATURE:	DATE CONSIDERED: 12/11/2007
<p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-65025-01
Application Number	10/647,923
Filing Date	August 25, 2003
First Named Inventor	Mehrotra
Art Unit	2641
Examiner Name	

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
3P		6,253,165	June 26, 2001	Malvar

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
3P		WO	99966062.4	6/16/2004	Chen et al.
3P		WO	99966063.2	4/23/2003	Chen

OTHER DOCUMENTS

Examiner's Initials*	Cite No. (optional)	
3P		Brandenburg, "ASPEC CODING", <i>AES 10th International Conference</i> , pp. 81-90 (1991)
3P		Gibson et al., <i>Digital Compression for Multimedia</i> , Morgan Kaufmann Publishers, Inc., San Francisco, pp. 17-61 (1998)
3P		Advanced Television Systems Committee, <i>ATSC Standard: Digital Audio Compression (AC-3), Revision A</i> , 140 pp. (1995)

EXAMINER
SIGNATURE:

Matt P. Lerner

DATE

CONSIDERED:

12/11/2007

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.